

GenCore version 5.1.3
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OM protein - protein search, using sw model
Run on: February 11, 2003, 19:47:59 ; Search time 17 Seconds
(without alignments)
664.271 Million cell updates/sec
Title: US-09-497-967-6
Perfect score: 2342
Sequence: 1 MYNILLIILISFLINELRA.....STTFKFLISLFLISFVLL 442
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 140259 seqs, 25548876 residues
Total number of hits satisfying chosen parameters: 140259
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*
1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
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11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				SUMMARIES	
Result No.	Score	Query Match	Length DB ID	Description	
1	251.5	10.7	1076	9 US-10-028-072-219	Sequence 219, App
2	251.5	10.7	1076	9 US-10-121-049-219	Sequence 219, App
3	251.5	10.7	1076	9 US-10-123-904-219	Sequence 219, App
4	251.5	10.7	1076	9 US-10-140-470-219	Sequence 219, App
5	251.5	10.7	1076	9 US-10-175-746-219	Sequence 219, App
6	251.5	10.7	1076	9 US-10-176-918-219	Sequence 219, App
7	251.5	10.7	1076	9 US-10-176-921-219	Sequence 219, App
8	249.5	10.7	914	9 US-09-975-143-47	Sequence 47, App1
9	240.5	10.3	1090	9 US-09-759-1308-134	Sequence 134, App
10	239	10.2	4440	9 US-10-174-590-525	Sequence 525, App
11	239	10.2	4440	9 US-10-176-758-525	Sequence 525, App
12	239	10.2	4440	9 US-10-173-737-525	Sequence 525, App
13	239	10.2	4440	9 US-10-173-706-525	Sequence 525, App
14	239	10.2	4440	9 US-10-175-738-525	Sequence 525, App
15	239	10.2	4440	9 US-10-175-752-525	Sequence 525, App
16	239	10.2	4440	9 US-10-176-482-525	Sequence 525, App
17	239	10.2	4440	9 US-10-176-757-525	Sequence 525, App
18	239	10.2	4440	9 US-10-176-913-525	Sequence 525, App
19	239	10.2	4440	9 US-10-180-552-525	Sequence 525, App

ALIGNMENTS

RESULT 1

US-10-028-072-219
; Sequence 219, Application US/10028072
; Publication No. US20030004311A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18

20	239	10.2	4440	9	US-10-180-557-525	Sequence 525, App
21	239	10.2	4440	9	US-10-173-700-525	Sequence 525, App
22	239	10.2	4440	9	US-10-174-572-525	Sequence 525, App
23	239	10.2	4440	9	US-10-174-579-525	Sequence 525, App
24	239	10.2	4440	9	US-10-174-582-525	Sequence 525, App
25	239	10.2	4440	9	US-10-175-739-525	Sequence 525, App
26	239	10.2	4440	9	US-10-175-740-525	Sequence 525, App
27	239	10.2	4440	9	US-10-175-743-525	Sequence 525, App
28	239	10.2	4440	9	US-10-176-488-525	Sequence 525, App
29	239	10.2	4440	9	US-10-176-492-525	Sequence 525, App
30	239	10.2	4440	9	US-10-176-747-525	Sequence 525, App
31	239	10.2	4440	9	US-10-176-750-525	Sequence 525, App
32	239	10.2	4440	9	US-10-176-985-525	Sequence 525, App
33	239	10.2	4440	9	US-10-176-987-525	Sequence 525, App
34	239	10.2	4440	9	US-10-176-991-525	Sequence 525, App
35	239	10.2	4440	9	US-10-176-992-525	Sequence 525, App
36	239	10.2	4440	9	US-10-176-993-525	Sequence 525, App
37	239	10.2	4440	9	US-10-184-658-525	Sequence 525, App
38	239	10.2	4440	9	US-10-184-658-525	Sequence 525, App
39	239	10.2	4440	12	US-10-052-586-525	Sequence 525, App
40	236	10.1	1435	9	US-10-174-590-581	Sequence 581, App
41	236	10.1	1435	9	US-10-176-758-581	Sequence 581, App
42	236	10.1	1435	9	US-10-175-737-581	Sequence 581, App
43	236	10.1	1435	9	US-10-173-706-581	Sequence 581, App
44	236	10.1	1435	9	US-10-175-738-581	Sequence 581, App
45	236	10.1	1435	9	US-10-175-752-581	Sequence 581, App

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2 PRIOR FILING DATE: 1997-09-19
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55 PRIOR APPLICATION NUMBER: 60/066770
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59 PRIOR APPLICATION NUMBER: 60/069278
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66 PRIOR FILING DATE: 1998-01-23
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; PRIOR FILING DATE: 1998-06-24
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; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTOTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPPFAANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495

QY 83 INRVGSVTNAGDLATLATOCSTQCPTG---TALDDGVTDVDFDRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACCTGGATATCTCTTCTCTGGATTAAATAATTTATTGGAAAGC-----A 543

QY 139 GSPQGEAPGVQVFAAGAAAGVAAT-----SQCVPCLNKNND 176
Db 544 GTCAGTAAC-CAAGCCCAAGTACATTTTACAGTTATTTTGAATAACAATAAGAAC 602

QY 177 SPATAGAQA-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAACCTTTTACATAACTACT--- 659

QY 221 PNFYNGSGPQGEAPGVQVFAAGAAAGVAATSOVCPCQINKNDSPATAGAANLATQC 280
Db 660 -----GAGCGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704

QY 281 STQCPGTGTAIDQGVTLVFNSTQCSQCIANYFFNGFNEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTCA-CTA-----ATTGACATTTTCTGTG 751

QY 341 NTATQA-----TQCLTTCAGTVDLDDGTSTNFVASATECKSCAGFFASKTTGFTA 391
Db 752 TTTTCAATAAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803

QY 392 GTDCTECTKKLTSGATARKVAAETQKVCQ---ASTTFA 427
Db 804 GTGTCAACTTAATTATAA---GTATGTAACCTGAATTAA 839

RESULT 2
US-10-121-049-219
; Sequence 219, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTOTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPPFAANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495

QY 83 INRVGSVTNAGDLATLATOCSTQCPTG---TALDDGVTDVDFDRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACCTGGATATCTCTTCTCTGGATTAAATAATTTATTGGAAAGC-----A 543

QY 139 GSPQGEAPGVQVFAAGAAAGVAAT-----SQCVPCLNKNND 176
Db 544 GTCAGTAAC-CAAGCCCAAGTACATTTTACAGTTATTTTGAATAACAATAAGAAC 602

QY 177 SPATAGAQA-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAACCTTTTACATAACTACT--- 659

QY 221 PNFYNGSGPQGEAPGVQVFAAGAAAGVAATSOVCPCQINKNDSPATAGAANLATQC 280
Db 660 -----GAGCGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704

QY 281 STQCPGTGTAIDQGVTLVFNSTQCSQCIANYFFNGFNEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTCA-CTA-----ATTGACATTTTCTGTG 751

QY 341 NTATQA-----TQCLTTCAGTVDLDDGTSTNFVASATECKSCAGFFASKTTGFTA 391
Db 752 TTTTCAATAAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803

QY 392 GTDCTECTKKLTSGATARKVAAETQKVCQ---ASTTFA 427
Db 804 GTGTCAACTTAATTATAA---GTATGTAACCTGAATTAA 839

RESULT 3
US-10-123-904-219
; Sequence 219, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

Thu Feb 20 11:30:42 2003

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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-123-904-219

Query Match      10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNOPFAANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAGAA-TATTTATAGGATTGGAACAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLQCSQCPGTG---TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACGTGGATATCTCTTCTCTGGATTAAAAAATTAATTGGAAGC-----A 543
QY 139 GSPQGEAPGVQVFAAGAAAAGVAAT-----SQCVPQQLNKND 176
Db 544 GTCAGTAAAC-CAAAAGCCAAGTACATGATTTACAGTTATTTTGAATACATAAGAAC 602
QY 177 SPATAGAAQ-----NLATQCSNOCPTGTVLDDGVTLVFNFTSATLVCVKR 220
Db 603 TGTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAAACTTTTAAACATAACT--- 659
QY 221 PNFYNGSGPOGEAPGVQVFAAGAAAAGVAATVTSQCVPQQLNKNDSPATAGAAQANLATQC 280
Db 660 -----GACGGCATGTTAGGTGATTCAGATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STOCPTGTAIDGVTLVFNFSNSTQCSOCIANYFFNGFNGFEAGKSOCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAGTTGTCA-CTA-----ATTGACATTTCTGTG 751
QY 341 NTATQA-----TQCLTTCPAGTVLDDGSTNFAVSATECTKCSAGFFASKTTGFTA 391
Db 752 TTTTCAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDTCTECTKLTSGATAKVYAEATQKVC-----ASTTFA 427
Db 804 GTGTCAACTTAATTTAAA---GTATGTAACCTGAATTAA 839

RESULT 4
US-10-140-470-219
; Sequence 219, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-219

Query Match      10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNOPFAANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAGAA-TATTTATAGGATTGGAACAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLQCSQCPGTG---TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACGTGGATATCTCTTCTCTGGATTAAAAAATTAATTGGAAGC-----A 543
QY 139 GSPQGEAPGVQVFAAGAAAAGVAAT-----SQCVPQQLNKND 176
Db 544 GTCAGTAAAC-CAAAAGCCAAGTACATGATTTACAGTTATTTTGAATACATAAGAAC 602
QY 177 SPATAGAAQ-----NLATQCSNOCPTGTVLDDGVTLVFNFTSATLVCVKR 220
Db 603 TGTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAAACTTTTAAACATAACT--- 659
QY 221 PNFYNGSGPOGEAPGVQVFAAGAAAAGVAATVTSQCVPQQLNKNDSPATAGAAQANLATQC 280
Db 660 -----GACGGCATGTTAGGTGATTCAGATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STOCPTGTAIDGVTLVFNFSNSTQCSOCIANYFFNGFNGFEAGKSOCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAGTTGTCA-CTA-----ATTGACATTTCTGTG 751
QY 341 NTATQA-----TQCLTTCPAGTVLDDGSTNFAVSATECTKCSAGFFASKTTGFTA 391
Db 752 TTTTCAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDTCTECTKLTSGATAKVYAEATQKVC-----ASTTFA 427
Db 804 GTGTCAACTTAATTTAAA---GTATGTAACCTGAATTAA 839

RESULT 5
US-10-175-746-219
; Sequence 219, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
```

; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;
QY 23 CPDGTQTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAAGAA--TATTTATAGGATTGGAACAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLATQCSQCPTG----TALDDGVTDVDFRSAAOCVKCPNFYNG 138
Db 496 --GTGAAGTGGATATCTCTTCTCTGGATTAAAAAATATTGGAAAGC-----A 543
QY 139 GSPOGEAPGVQVFAAGAAAGVAAVT-----SQCVPQOLNKND 176
Db 544 GTCAGTAAAC--CAAGCCCAAGTACATTTTACAGTTATTTTGAATACAATAAGAAC 602
QY 177 SPATAGAQA-----NLATQCSNOCPTGTGLDDGVTLVFNFSATLVCVKR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAACTTTTAACTAACTACT--- 659
QY 221 PNFIYNGSGPOGEAPGVQVFAAGAAAGVAAVTSCVPCQINKNDSPATAGAANLATQC 280
Db 660 -----GACGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STQCPGTGTAIDGVTLVFSNSSTQCSQCIANYFFNGFNAEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGCA-CTA-----ATTTCACATTTTCTGTG 751
QY 341 NFATQA-----TQCLTTCAGTGLDDGTSTNFVASATECTKCSAGFFASKTTGFTA 391
Db 752 TTTTCAAAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDCTECTKLTGSAKVVAEATQKVCQ---ASTTFA 427
Db 804 GTGCAACTTAATTAA--GTATGTAACCTGAATTAA 839

RESULT 6

US-10-176-918-219
; Sequence 219, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C382

; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;
QY 23 CPDGTQTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAAGAA--TATTTATAGGATTGGAACAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLATQCSQCPTG----TALDDGVTDVDFRSAAOCVKCPNFYNG 138
Db 496 --GTGAAGTGGATATCTCTTCTCTGGATTAAAAAATATTGGAAAGC-----A 543
QY 139 GSPOGEAPGVQVFAAGAAAGVAAVT-----SQCVPQOLNKND 176
Db 544 GTCAGTAAAC--CAAGCCCAAGTACATTTTACAGTTATTTTGAATACAATAAGAAC 602
QY 177 SPATAGAQA-----NLATQCSNOCPTGTGLDDGVTLVFNFSATLVCVKR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAACTTTTAACTAACTACT--- 659
QY 221 PNFIYNGSGPOGEAPGVQVFAAGAAAGVAAVTSCVPCQINKNDSPATAGAANLATQC 280
Db 660 -----GACGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STQCPGTGTAIDGVTLVFSNSSTQCSQCIANYFFNGFNAEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGCA-CTA-----ATTTCACATTTTCTGTG 751
QY 341 NFATQA-----TQCLTTCAGTGLDDGTSTNFVASATECTKCSAGFFASKTTGFTA 391
Db 752 TTTTCAAAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDCTECTKLTGSAKVVAEATQKVCQ---ASTTFA 427
Db 804 GTGCAACTTAATTAA--GTATGTAACCTGAATTAA 839

RESULT 7

US-10-176-921-219
; Sequence 219, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921

; PRIOR FILING DATE: 2000-06-23
 ; PRIOR APPLICATION NUMBER: US 09/420,707
 ; PRIOR FILING DATE: 1999-10-19
 ; NUMBER OF SEQ ID NOS: 460
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 134
 ; LENGTH: 1090
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-759-130B-134

Query Match 10.3%; Score 240.5; DB 9; Length 1090;
 Best Local Similarity 26.5%; Pred. No. 1.1e-10;
 Matches 114; Conservative 14; Mismatches 192; Indels 110; Gaps 20;
 QY 26 GTQTQAGLTDVGAADLGTVCNCRPNFYNGAAGCEANGNPPFAANNAARGI-C--VPCQ 82
 Db 718 GTACAGACTTTGAGGTTTCATC-----AATATA-----AATAAAGACGAGAAAA 762
 QY 83 INRVGSVNTAGDLATLQ--CSTQCPTGTALDDGVTDFDRSAACVCKPNFYNGGS 140
 Db 763 ATATGTCTTGTGTTTTCATCTTGTACCAAAA-----AACAAAC----- 800
 QY 141 PQGEAPGVQVFAAGAAAAGVAATVSCVPCQLNKNPSATAGAAQANLAT-QCSNOCPTGT 199
 Db 801 -----ACAAAAAAGTTGTC--C-----TTTGAGAACTTCACCTGCTCCT 839
 QY 200 VLDDGVTLVFNSTATLCVKCRPNFYNGGSPQGEAPGVQVFAAGAAAAGVAATVSCVCP- 258
 Db 840 ATGTGGGTAGCTAGTCAAAAT---TGTCATTTTGTCTGTGAAAAATAATTTCCCT 895
 QY 259 -----CQINKNDSPATAGAAQANLATQSTQPTGTATQDGVTLVFNSSSTQCSQCIAN 311
 Db 896 CTGTGACCATTTCTGTTTGTCTTACTAAATC-TGTAATACT-----GTAATTTTC--- 947
 QY 312 YFNGNFEAGSKCLKCPVSKTTPAHAPGNATATQATQCLTTCPA---GTVLDDGTSTNF 367
 Db 948 -----TGTTTATCCAAATTTGATGAACCTGA--CAATCCAAATTTGAAAGTTTGTGT 997
 QY 368 VASATECT-KCSAGFFASTTTGTACT-DTCFECTKKLTSGATA-----KVYAEA 415
 Db 998 CGACGCTCTGTCTAGCTTAAATGAATGTCTTCTATTGCTTTATACATTTATATAA 1057
 QY 416 TKVQCASTT 425
 Db 1058 TTGTACATTT 1067

RESULT 10
 US-10-174-590-525
 ; Sequence 525, Application US/10174590
 ; Publication No. US20030008352A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C42
 ; CURRENT APPLICATION NUMBER: US/10/174,590
 ; CURRENT FILING DATE: 2002-06-18
 ; Prior application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 525
 ; LENGTH: 4440

; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-174-590-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
 Best Local Similarity 27.0%; Pred. No. 7.6e-10;
 Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
 QY 27 TQTQAGLTDVGAADLGTVCNCRPNFYNGAAGCEANGNPPFAANNAARGICVPCQINRV 86
 Db 3854 TATACATTTTAACTACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CCTCTT 3901
 QY 87 GSVTNAGDLATLQCS--TQCPGTALDDGVTDFDRSAACVCKPNFYNGGSPQG- 143
 Db 3902 TTCAGAG---TTTTCCTGGTGTGTA--GAIGT---TTATTCTTC-----TGGATAAA 3948
 QY 144 -----BAPGVQVFAAGAAAAGVAATVSCVPCQLNKNPSATAGAAQANL 187
 Db 3949 CTTTAGAATCAGCTCTTTTGTCCAAGGTAATAATATATCCACATTCAGATCATACTGAAT 4008
 QY 188 ATQCSNOC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGGS 229
 Db 4009 ATACAGACTTAATTCAGAAAATATGATGCTCTTATTGCTAGTGGCTTCT-----T 4060
 QY 230 PQGEAPGVQVFAAGAAAAGVAATVSCVPCQLNKNPSATAGAAQANLATQCS---OCPT 286
 Db 4061 ATCCAATAAAAAAGATATG-AATTTCCA-----TGTAATGAAATCTTCACCTGAGACTT 4112
 QY 287 GTATQDQ---VTLVFNSSSTQCSQCIANYFFNGNFEAGSKCLKCPVSKTTPAHAPGNATA 343
 Db 4113 ATTTTGGCTTTTCACATGCTCCGCAA---ATGTAATGTTAAATTTATTTTA---GGTA 4166
 QY 344 TQAT-----OCLTTCFAGTGLDDGTSTNFVASATECTKCSAGFFASTTTGTAGT 393
 Db 4167 TTTTAGGGGAAAGATGATTCTTAAAGTTTCTATT-----TTCTAGC---TTGTTATA 4214
 QY 394 DTCFECTKKLTSCATKAVYA---EATQKVOCASTT 425
 Db 4215 ATTTACATATGAGATAGTAGTCATTGTTGTATATTTT 4250

RESULT 11
 US-10-176-758-525
 ; Sequence 525, Application US/10176758
 ; Publication No. US20030008353A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C104
 ; CURRENT APPLICATION NUMBER: US/10/176,758
 ; CURRENT FILING DATE: 2002-06-21
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 525
 ; LENGTH: 4440
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-176-758-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
 Best Local Similarity 27.0%; Pred. No. 7.6e-10;
 Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;

Db 3902 TTCAGAG---TTTTTCTGGTGGTTGTA--GATGT--TTATTCTTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
QY 188 ATQCSNQC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229
Db 4009 ATACAGACTAATTCAGGAAAAATGATGCTTTATTGCTAGTGGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAQAANLATOCSST---QCPT 286
Db 4061 ATCCAATAAAAAAGATATG-AAATTTCCA-----TGTATTGAAATCTTCAGTGAAGCTT 4112
QY 287 GTAIDG---VTLVFSNSTQCSQCIANYFPNGFNFAAGSQCLKCPVSKTTPAHAFGNTA 343
Db 4113 ATTTTGGCTTTTCACATGCTCTGCAA---ATGTAATGTTAAATTTATTATTTA---GGTA 4166
QY 344 TQAT-----QCLTTCAGVLDGVTSTNFBASATECTKCSAGFFASKTTGTFAGT 393
Db 4167 TTTTAGGGGAAATGATTTCTTAAAGTTTGATTT-----TTCTAGC-----TTGTTATA 4214
QY 394 DTCTECTKKLTSGATAKYA---EATQKVOCASST 425
Db 4215 ATTACATATGAGATGATCATTTGTTGATATATT 4250

RESULT 13
US-10-173-706-525
; Sequence 525, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P343081C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAQGEANGNPFAANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAACTACTAGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTDFDRSAAQCCKPKNFYNGSGSQG- 143
Db 3902 TTCAGAG---TTTTCTGGTGGTTGTA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
QY 188 ATQCSNQC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229

QY 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAQGEANGNPFAANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAACTACTAGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTDFDRSAAQCCKPKNFYNGSGSQG- 143
Db 3902 TTCAGAG---TTTTTCTGGTGGTTGTA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
QY 188 ATQCSNQC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229
Db 4009 ATACAGACTAATTCAGGAAAAATGATGCTTTATTGCTAGTGGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAQAANLATOCSST---QCPT 286
Db 4061 ATCCAATAAAAAAGATATG-AAATTTCCA-----TGTATTGAAATCTTCAGTGAAGCTT 4112
QY 287 GTAIDG---VTLVFSNSTQCSQCIANYFPNGFNFAAGSQCLKCPVSKTTPAHAFGNTA 343
Db 4113 ATTTTGGCTTTTCACATGCTCTGCAA---ATGTAATGTTAAATTTATTATTTA---GGTA 4166
QY 344 TQAT-----QCLTTCAGVLDGVTSTNFBASATECTKCSAGFFASKTTGTFAGT 393
Db 4167 TTTTAGGGGAAATGATTTCTTAAAGTTTGATTT-----TTCTAGC-----TTGTTATA 4214
QY 394 DTCTECTKKLTSGATAKYA---EATQKVOCASST 425
Db 4215 ATTACATATGAGATGATCATTTGTTGATATATT 4250

RESULT 12
US-10-175-737-525
; Sequence 525, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P343081C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAQGEANGNPFAANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAACTACTAGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTDFDRSAAQCCKPKNFYNGSGSQG- 143

Db 4009 ATACAGACTAAATTCAGGAAAAAATGATGCTTTTATTCATTTAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTTCCA-----TGTATTGAAATCTTCACCTGAGACTT 4112
QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNFEAGKSOCLKCPVSKTTPAHAPGNNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTGCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TQAT-----OCUTTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTCTAAAGTTTGTAAT-----TTCTAGC-----TTGTTATA 4214
QY 394 DTCTECTKLTSGATAKVYA-----EATQKVOCASTT 425
Db 4215 ATTTACATATGAGATAGTCAATGTTGTGTATATATTT 4250

RESULT 14

US-10-175-738-525
; Sequence 525, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC45
; CURRENT APPLICATION NUMBER: US/10/175,738
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTQAGLTDVGAADLGTCTVNCRPNFYNGGAAOGEANGNPFANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAAATACTCAGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPGTALDDGVTDFDRSAAQCVKCRPNFYNGGSPQG- 143
Db 3902 TTCAGAG---TTTTCTGGTGGTTGTAA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCCAAGTAAATATATCCACATGAGATCACTGAAT 4008
QY 188 ATQCSNOC-----PTGVLDGTVLVENTSATLCVKCRPNFYNGGS 229
Db 4009 ATACAGACTAATTCAGGAAAAAATGTATGCTTTTATTCGATTGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTTCCA-----TGTATTGAAATCTTCACCTGAGACTT 4112

QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNFEAGKSOCLKCPVSKTTPAHAPGNNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTGCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TQAT-----OCUTTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTCTAAAGTTTGTAAT-----TTCTAGC-----TTGTTATA 4214
QY 394 DTCTECTKLTSGATAKVYA-----EATQKVOCASTT 425
Db 4215 ATTTACATATGAGATAGTCAATGTTGTGTATATATTT 4250

RESULT 15

US-10-175-752-525
; Sequence 525, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTQAGLTDVGAADLGTCTVNCRPNFYNGGAAOGEANGNPFANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAAATACTCAGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPGTALDDGVTDFDRSAAQCVKCRPNFYNGGSPQG- 143
Db 3902 TTCAGAG---TTTTCTGGTGGTTGTAA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCCAAGTAAATATATCCACATGAGATCACTGAAT 4008
QY 188 ATQCSNOC-----PTGVLDGTVLVENTSATLCVKCRPNFYNGGS 229
Db 4009 ATACAGACTAATTCAGGAAAAAATGTATGCTTTTATTCGATTGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTTCCA-----TGTATTGAAATCTTCACCTGAGACTT 4112
QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNFEAGKSOCLKCPVSKTTPAHAPGNNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTGCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TQAT-----OCUTTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTCTAAAGTTTGTAAT-----TTCTAGC-----TTGTTATA 4214

